ABSTRACT

METHOD FOR OPTIMISING THE DISTRIBUTION OF A SERVICE FROM A SOURCE TO A PLURALITY OF CLIENTS IN A NETWORK

This method for determining locations of service instances for optimising distribution of a service in a network, from a source to a plurality of clients each having predetermined requirements, wherein the network can be modelled by means of a graph, comprises steps of: placing (40) a service instance in each leaf in the graph; and, starting from the leaves, for each service instance: checking (42) whether the service instance when placed in a vertex on the next higher level can fulfil the requirements of all clients to be served by said service instance; and moving (43) or not the service instance one level higher, depending on the result of the checking step (42).

Application to Point-To-Multipoint (PTM) service distribution in telecommunications networks of the WAN (Wide Area Network) type.

Figure 4d.